



Agriculture Across Ohio

Biotechnology Varieties

The planting of all biotech varieties of corn in Ohio increased from last year. Biotechnology varieties accounted for 86 percent of the corn acres planted in Ohio, up from 82 percent in 2017. Soybean plantings included 91 percent biotechnology varieties, unchanged from last year.

Nationally, biotechnology varieties of corn totaled 92 percent of the acres planted, unchanged from 2017. Soybean acreage planted to biotech varieties was also unchanged at 94 percent.

The data are based on responses from the June Agricultural Survey. Farmers were asked if they planted corn or soybeans that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties are excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). The Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties include only those containing biotech traits for both herbicide and insect resistance.

June 1 Grain Stocks

On June 1, 2018, Ohio corn stocks totaled 196.9 million bushels, approximately 15 percent above a year earlier. About 45 percent of the corn was stored on farms. The third quarter disappearance was 128.3 million bushels, compared with 167.1 million bushels a year earlier. Soybean stocks on June 1, 2018, were 71.1 million bushels. That was 15 percent higher than stocks a year earlier. The third quarter indicated disappearance was 65.9 million bushels, compared with 66.4 million bushels during the same period a year ago. Farm stocks of soybeans were 18.5 million bushels. Wheat stocks on June 1, 2018, were 45.3 million bushels, 8 percent below a year ago. Nearly all wheat stocks were in commercial storage. Fourth quarter indicated disappearance was 10.3 million bushels, compared with 11.2 million bushels during the same period last year.

May Agricultural Prices

Prices Received by Ohio farmers for the full month of May 2018 are listed in the table below. Some Ohio highlights were: May corn, at \$3.96 per bushel, increased \$0.13 from April and increased \$0.22 from last year; May soybeans, at \$10.10 per bushel, decreased \$0.20 from last

month and increased \$0.54 from last year; May wheat, at \$5.12 per bushel, increased \$0.22 from April and increased \$0.96 from last year; May milk, at \$16.10 per cwt., was unchanged from last month and decreased \$1.30 from last year.

Prices Received by Farmers¹, May 2018

Commodity	Ohio			United States		
	May 2017	Apr 2018	May 2018	May 2017	Apr 2018	May 2018
Corn dollars/bu	3.74	3.83	3.96	3.45	3.58	3.67
Hay, alfalfa dollars/ton	165.00	210.00	215.00	157.00	183.00	189.00
Hay, other dollars/ton	115.00	150.00	135.00	127.00	124.00	122.00
Soybeans dollars/bu	9.56	10.30	10.10	9.29	9.83	9.84
Wheat, winter dollars/bu	4.16	4.90	5.12	3.77	4.90	5.05
Milk, all dollars/cwt	17.40	16.10	16.10	16.70	15.80	16.20

¹ Entire month weighted average price.

Chickens and Eggs

All layers in Ohio totaled 32.2 million during May, up 7 percent from a year ago. Egg production totaled 776 million eggs, 6 percent from last year. The rate of lay during May was 2,408 eggs per 100 layers. All layers in the U.S. totaled

386.3 million during May, up 3 percent from a year ago. There were 23.5 million turkey poults hatched in the U.S. in May, down 3 percent from the previous year.

Egg and Hatchery Production, May 2018

Item		2017	2018	Percent Change
Ohio				
All layers	Thousand	30,183	32,212	7
Eggs per hundred layers	Number	2,435	2,408	-1
Eggs produced	Million	735	776	6
U.S.				
All Layers	Thousand	373,642	386,301	3
Eggs per hundred layers	Number	2,387	2,361	-1
Eggs produced	Million	8,918	9,122	2
Turkey Eggs in incubators, Jun 1	Thousand	29,559	28,059	-5
Turkey Poults hatched, May	Thousand	24,169	23,471	-3

Acreage Summary

Ohio field crop planting had a delayed start to the season due to cold, wet weather which kept operators out of fields. Planting progress for both corn and soybeans jumped ahead of the five-year average following the delayed start to the planting season by mid-May. Highlights of the 2018 June Acreage report follow:

Ohio soybean growers planted 4.95 million acres, down 3 percent. Harvested acres of soybeans are anticipated to be 4.94 million acres.

Ohio corn growers planted 3.55 million acres, up 4 percent from 2017. Corn harvested for grain is projected to be 3.31 million acres, up 6 percent from the previous year.

Ohio winter wheat growers planted 490,000 acres of wheat, 30,000 acres more than last year

Acres by Crop, Ohio and United States: 2016 - 2018

Commodity	Ohio			United States		
	2016	2017	2018	2016	2017	2018
Corn, all						
Planted..... 1,000 acres	3,550	3,400	3,550	94,004	90,167	89,128
Corn, grain						
Harvested..... 1,000 acres	3,300	3,130	3,310	86,748	82,703	81,770
Hay, alfalfa						
Harvested..... 1,000 acres	330	310	390	16,885	16,563	17,351
Hay, other						
Harvested..... 1,000 acres	640	750	720	36,596	37,221	37,717
Oats						
Planted..... 1,000 acres	50	60	50	2,829	2,588	2,889
Harvested..... 1,000 acres	25	20	20	981	801	1,009
Soybeans						
Planted..... 1,000 acres	4,850	5,100	4,950	83,433	90,142	89,557
Harvested..... 1,000 acres	4,840	5,090	4,940	82,696	89,522	88,862
Wheat, winter						
Planted..... 1,000 acres	580	460	490	36,152	32,696	32,732
Harvested..... 1,000 acres	560	435	450	30,237	25,291	24,831

Small Grain Summary

Ohio's 2018 winter wheat production is forecast at 35.6 million bushels. This report is based on conditions as of July 1, 2018. Some highlights of the Crop Production Report follow:

The Ohio winter wheat yield is forecast at 79 bushels per acre, which if realized would be a 5 bushel increase from last year. As of July 1, 24 percent of the crop was harvested.

Seventy-nine percent of the crop was rated good to excellent.

Oat yield in Ohio is forecast at 61 bushels per acre, 9 bushels lower than the previous year. Oats were 91 percent headed as of July 1, 2 percent above last year and 5 percent above the 5 year average. As of July 1, 79 percent of the crop was rated good to excellent.

Area Planted and Harvested, Yield, and Production by Crop – Ohio and United States: 2016 - 2018

Commodity	Ohio			United States		
	2016	2017	2018	2016	2017	2018
Oats						
Planted 1,000 acres	50	60	50	2,829	2,588	2,889
Harvested 1,000 acres	25	20	20	981	801	1,009
Yield Bushels	74.0	70.0	61.0	66.0	61.7	65.8
Production 1,000 bu	1,850	1,400	1,220	64,770	49,391	66,384
Wheat, winter						
Planted 1,000 acres	580	460	490	36,152	32,696	32,732
Harvested 1,000 acres	560	435	450	30,237	25,291	24,831
Yield Bushels	80.0	74.0	79.0	55.3	50.2	48.0
Production 1,000 bu	44,800	32,190	35,550	1,672,582	1,269,437	1,192,585

June Hogs and Pigs

Ohio's total hog and pig inventory on June 1 was estimated at 2.90 million head, up 200,000 head from a year ago. Breeding hog inventory, at 190,000 head, was unchanged from last June. Market hog inventory, at 2.71 million head, was up 8 percent from last year. The average pigs saved per litter for the March to May quarter was 11.0, up 0.4 from the same period last year.

United States inventory of all hogs and pigs on June 1, 2018 was 73.5 million head. This was up 3 percent from June 1, 2017, and up 1 percent from March 1, 2018. This is the highest June 1 inventory of all hogs and pigs since estimates began in 1964.

Hog inventory and farrowings: Ohio and United States, June 1, 2018

Hogs and pigs	Ohio			United States		
	2017	2018	Change	2017	2018	Change
	(1,000 head)	(1,000 head)	(Percent)	(1,000 head)	(1,000 head)	(Percent)
Breeding	190	190	0	6,109	6,320	3
Market	2,510	2,710	8	64,901	67,131	3
Under 50 pounds	720	690	-4	20,647	21,387	4
50-119 pounds	720	750	4	18,741	19,388	3
120-179 pounds	630	680	8	13,646	14,198	4
180+ pounds	440	590	34	11,867	12,157	2
Total	2,700	2,900	7	71,010	73,451	3
Sows farrowed, Mar-May	97	88	-9	3,014	3,121	4
Pigs/litter, Mar-May	10.60	11.00	4	10.55	10.63	1
Pig crop, Mar-May	1,028	968	-6	31,790	33,167	4
Sows farrowing, Jun-Aug ¹	97	91	-6	3,121	3,170	2
Sows farrowing, Sep-Nov ¹	100	96	-4	3,130	3,180	2

¹ Current year represents intended farrowings.

May Milk Production

Dairy herds in Ohio produced 490 million pounds of milk during May, down 1.8 percent from a year ago. The daily rate per cow was 61.5 pounds, unchanged from May 2017. The dairy herd was estimated at 257,000 head for May, down 5,000 head from a year earlier. The average price of milk sold in May by Ohio dairy producers was \$16.10 per cwt., \$1.30 less than the price in May 2017.

Ohio Dairy Summary, May 2018

Item		2016	2017	2018
Cows	1,000 Hd	266	262	257
Milk per cow	Lb/day	59.0	61.5	61.5
Production	Mil lbs	487	499	490
Milk price, all	Dol/cwt	15.60	17.40	16.10
Fat test	Pct	3.73	3.78	3.67
Protein ¹	Pct	3.07	3.09	3.07

¹ FMO 33

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Thank You to our Data Providers

The USDA, NASS, Great Lakes Region, Ohio Field Office and enumerator staff are pleased to provide you and the Ohio agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!